

GEDORE
TOOLS FOR LIFE

GEDORE TORQUE SOLUTIONS



CORDLESS TORQUE WRENCH
WITH COLOUR DISPLAY

LDA/LAW SOLUTION

up to 6000 Nm



Dear customers, business partners,
and tool users,

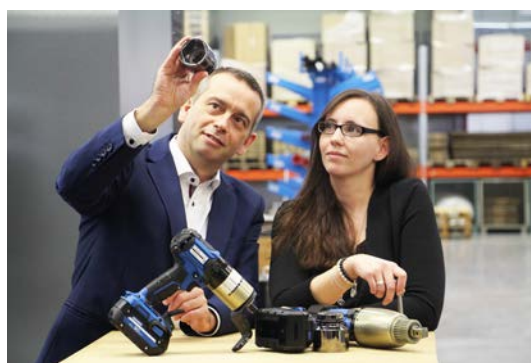
GEDORE Torque Solutions GmbH is a **high-tech centre** for innovative product development and individual solutions in the field of **bolting technology**. The company has been part of the **GEDORE Group** since 2008 and has been trading under the name **GEDORE Torque Solutions** since 2016. Our own engineering department, a vertical range of manufacture of well over 90% on state-of-the-art machines and excellent service are a guarantee for Made in Germany.

Our proven high torque cordless torque wrench is now also available with a sunlight-readable colour display. The LDA Solution is your reliable partner for safety bolting requiring documentation.

GEDORE Torque Solutions has developed the series of **gate valve machines** especially for **gate valve assembly**. The gate valve machines are available with various accessories and are electrically and battery operated. Information on our gate valve machines is available from page 62 onwards.

We hope you enjoy browsing through the new catalogue.

YOUR GEDORE TORQUE SOLUTIONS GMBH TEAM OF EXPERTS





COMPANY AND SERVICES



COMPANY AND SERVICES

YOUR SPECIALIST IN HIGH LEVEL TORQUE BOLTING TECHNOLOGY



From pioneer to high-tech centre

For more than 45 years, we have represented quality and innovation in all areas of bolting technology.

A range manufactured on almost 100 %, state-of-the-art machining centres ensures the outstanding quality and precision of our torque wrenches.

The difference is simply in the detail. Our machines are Made in Germany.

We develop the torque wrenches for your future

Our specialists develop your torque wrenches with state-of-the-art construction and analysis methods (CAD/CAM/FEM). If a suitable solution is not available in our product range, we can design a specifically customised solution for you. Your applications are our challenge.



Precision testing before shipping

In our own calibration laboratories, all dynamic devices are precisely measured and configured before they are sent to you. The torque deviation is usually significantly under 3% for identical bolting operations.

The individual factory calibration certificate is the confirmation that is required by every QM system as per DIN EN ISO 9001:2008.

LOCAL-BOLTING-SERVICE WE BOLT FOR THEM

Locally, with qualified fitters and proven high-quality products

We offer you an local-bolting-service for your bolting systems with our devices. One of our qualified fitters comes to you with a fully equipped vehicle and bolts your system with our torque wrenches directly on site. Hydraulically, electrically or battery operated, we have the right device for every bolting job and bolt everything together professionally with our certified machines.

Depending on the system and the desired requirements, documentation of the bolting cases is also possible. Your bolting system deserves the best service. Please contact us and make an appointment with us! Depending on the system and the desired requirements, documentation of the bolting cases is also possible.



CONSULTATION AND TRAINING BY SPECIALISTS



Always the right solution for you

Our experts can advise you on site and analyse your application with you in order to offer the appropriate system.
Our extensive range of products, offers you the professional solution required.

In-house training

Customer safety instructions and training courses are available at our in-house training centre. Every participant is subsequently issued with a certificate as verification of training.

Product training

Product training -- on-site or in-house.
Basics of screwdriving technology:
modularly designed for technicians, master craftsmen and skilled workers.
Practice-oriented according to VDI/VDE sheet 1 "Qualification of fastening technology".
Training is carried out by external employees.



Rental equipment

Is one of your indispensable tools in repair? Do you need additional equipment in order to be able to complete your work on time and in the usual quality, even during short-term order peaks? Then use our rental equipment service! Our pool of equipment includes common electric, pneumatic and battery-powered high torque tools, hydraulic high torque tools, hydraulic power packs, power multipliers. Just contact us if you need special tools. We will be pleased to help you - quickly and reliably.

A SELECTION OF OUR CUSTOMERS AND THEIR PRODUCTS

Donges SteelTec GmbH



Donges SteelTec GmbH is a member of the Mutares Group and is one of Germany's leading steel construction companies with approximately 200 highly qualified employees. The Darmstadt-based company operates nationally and internationally. The focus is on steel bridge construction and steel building construction.
(Source: Donges SteelTec GmbH)



LDA



LDH



LHU

Putzmeister Holding GmbH



Putzmeister develops, produces, sells and serves its customers worldwide with technically high-quality and service-oriented machines in the areas of concrete delivery, truck-mounted concrete pumps, stationary concrete pumps, placing booms and accessories, plant engineering, pipe conveying of industrial viscous materials, concrete paving and overburden conveying in tunnels and underground, robot and handling technology, mortar machines, plastering machines, screed conveying, injection and special applications.
(Source: Putzmeister Holding GmbH)



LDA



LPK



LDE



LKV



LDH



LHU

thyssenkrupp Industrial Solutions AG



ThyssenKrupp Fördertechnik is one of the world's leading suppliers of machines, plants and systems for the extraction, processing and handling of raw materials. In open-cast mining and quarries, in port terminals, coal-fired power stations and in storage areas, ThyssenKrupp Fördertechnik systems are in use worldwide and continue to set new standards.
(Source: thyssenkrupp Industrial Solutions AG)



LDA



LPK



LDE



LEW



LDH



LHU

API Schmidt-Bretten GmbH & Co. KG



API Schmidt-Bretten is a worldwide recognized manufacturer of gasketed and welded plate heat exchangers and systems for the thermal treatment of pumpable media in all major markets.
(Source: API Schmidt-Bretten GmbH & Co. KG)



LES



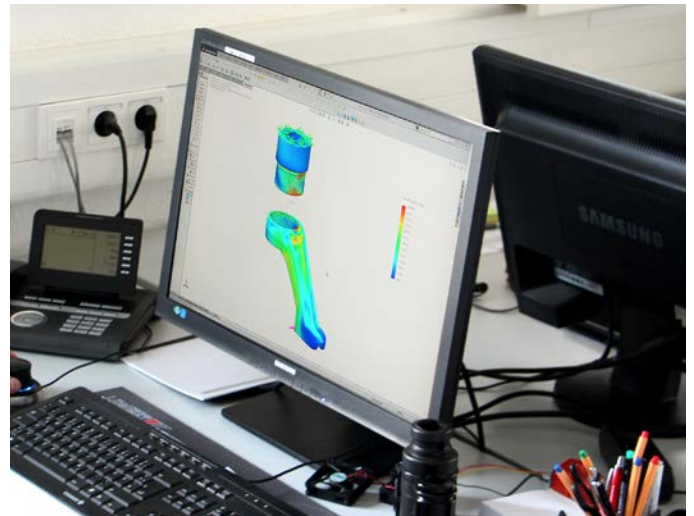
LPS

COMPANY AND SERVICES

SPECIAL REACTION ARM VERSIONS

The reaction arm of a high-torque wrench is one of the most important components on the device. It absorbs all reaction forces produced during bolting operations. It therefore has to be stable. In addition, reaction arms require a place in their surroundings where they can support themselves. Therefore, they not only need to be stable, but also suitable for a variety of environments.

As bolts can be located anywhere, it is possible that the standard reaction arm does not always fit and only a custom design will correctly absorb the reaction force. We specialise in the design of custom reaction arms. Custom reaction arms can be built and force effects simulated (FEM) in our own engineering department in Vaihingen/Enz.

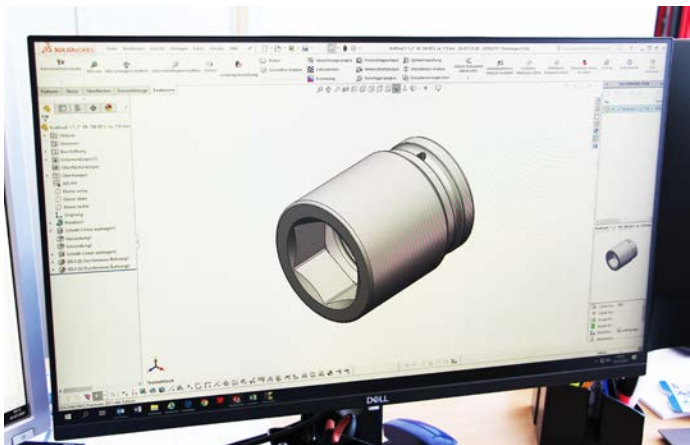


Special reaction arms



VARIOUS ADAPTERS AND INSERTS

The choice of the right impact socket is particularly important, especially with regard to occupational safety. A suddenly breaking socket can not be foreseen - serious hand and eye injuries are often the result. You do not have to expose yourself to this risk! Accessories are most important if the tool is to be optimally adapted to the specific assembly situation. Select the appropriate mounting or insert in various width across flats, shapes and lengths. We have the right accessories for our tools for every situation. We would be happy to advise you!



The complete programme of sockets and inserts can also be viewed at www.gedore.com or in the current GEDORE catalogue



Impact socket

Some of our sockets are available with Impact-Fix lock, quick and easy to handle.



Standard version



Conical version



Short version



Long version

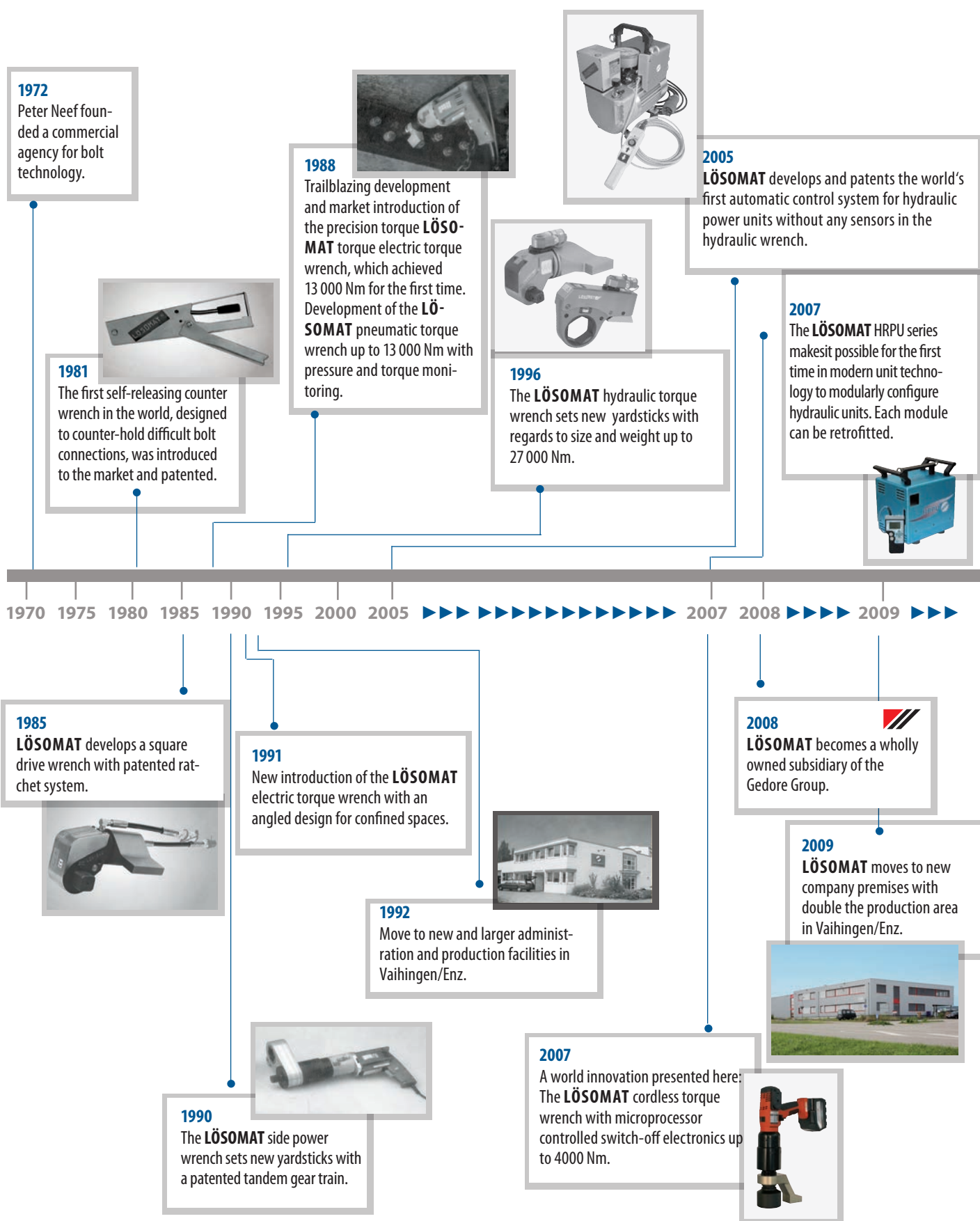
Torx socket

Inside square inserts and holders
Hexagon socket inserts and holders



COMPANY AND SERVICES

OUR SUCCESS STORY



2010

LÖSOMAT awarded the Plus X Award in the categories "Ease of Use" and "High Quality" for the cordless torque wrench. Also awarded the "Best Product 2010" award.



2017

Development of the **heavy duty** torque wrench **series LHD**. Brushless Technology and the Power-box make this torque wrench durable and usable in wind and weather.

2020

Our innovation the high torque cordless wrench **LDA Solution** with documentation function, torque angle mode, colour display and brushless technology up to 6000 Nm.



2012

Company's anniversary – 40 years of **LÖSOMAT**

2016

LÖSOMAT bolting technology Neef GmbH is fully integrated into the **GEDORE** Group and receives a new name: **GEDORE Torque Solutions GmbH**.

GEDORE

2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020

2011

LÖSOMAT develops the LHM hydraulic unit.



2011

LÖSOMAT develops the force multiplier LKV with non-destructive overload protection and tooth flanks with a ceramic Teflon® coating.



2014

LÖSOMAT developed the rail track wrench (LDB). With this wrench, users can bolt and drill in vertical and horizontal positions as well as in dual combination on a rail car. In 2015 **LÖSOMAT** receives the Competence Prize for Innovation and Quality Baden-Württemberg for developing the Railway Torque Wrench LDB-10.



2018

Further development of the **new Generation LDA Series** High torque cordless torque wrench, with low maintenance brushless Technology and ergonomic design from 90 to 6000 Nm.



2019

We develop our smallest wrench, the **assembly cordless torque wrench GDA**, 60 - 300 Nm.

COMPANY AND SERVICES

GEDORE TORQUE SOLUTIONS GMBH WORLDWIDE

	Germany GEDORE Torque Solutions GmbH	Bertha-Benz-Straße 12 71665 Vaihingen/Enz	Tel.: +49(0) 7042 / 9441-0 Fax: +49(0) 7042 / 9441-41 torque-solutions@gedore.com www.torque-solutions-gedore.com
Europe			
	Austria GEDORE Austria GmbH	GEDORE-Straße 1 8190 Birkfeld / Stmk.	verkauf@gedore.at www.gedore.at
	Belgium SAB-BNL nv	Vriesenrot 22 Industrieterrein Hoogveld Zone B 9200 Dendermonde	info@sab-bnl.be www.sab-bnl.be
	Bosnia and Herzegovina AX-SOLING d.o.o	Elić Luka bb 88347 Ružići / Grude	stjepan.boban@ax-soling.com www.ax-soling.com
	Czech Republic GEDORE Polska Sp. z o.o.	ul. Żwirki i Wigury 56a 43-190 Mikołów · Poland	gedore@gedore.pl www.gedore.pl
	Denmark Hytor	Industrivej Nord 9B, Birk 7400 Herning	info@hytor.com www.hytor.com/tools
	Estonia Stokker AS	Peterburi tee 44 11415 Tallinn	stokker@stokker.com www.stokker.com
	Finland Raahen Pultti Oy	Varikkotie 2 92100 Raahe	merja@pultti.net www.pultti.net
	France GEDORE France SARL	Parc d'activités des Béthunes - La Mare II 10, avenue di Fief - Bât. 12 BP 79144 Saint-Ouen-l'Aumône F-95074 CERGY PONTOISE CEDEX	info@gedore.fr www.gedore.fr www.klann.fr
	Greece C. Canetti & Co.	269 Messogion Ave 152 31 Halandri	sales@kanetis.gr www.canetti.gr
	Hungary Gero Tools S.R.L. EZ-Tools Hungary Kft.	Tavaszi utca 2. 2142 Nagytarcsa	info@ez-tools.hu www.ez-tools.hu
	Netherlands GEDORE Technag B.V.	Flemingweg 7 2408 AV Alphen aan den Rijn	technag@gedore.nl www.gedore.nl
	Norway Tech-Tools AS	Vardelia 17 2021 Skedsmokorset	post@techtools.no www.techtools.no
	Poland GEDORE Polska Sp. z o.o.	ul. Żwirki i Wigury 56a 43-190 Mikołów · Poland	gedore@gedore.pl www.gedore.pl
	Portugal NEOPARTS Equipamentos, S.A.	Av. Infante D. Henrique, Lote 35 Sta. Maria dos Olivais 1800-218 Lisboa	filipe.ferreira@neoparts.pt
	Romania S.C. Gero Tools S.R.L.	Comuna Selimbar str. Mihai Viteazu nr. 245A 557260 Selimbar, jud. Sibiu	sorin.minduc@gerotools.ro www.gerotools.ro
	Slovenia Energe d.o.o.	Cesta na Brdo 85 1000 Ljubljana	info@energe.si www.energe.si

















	Slovakia GEDORE Polska Sp. z o.o.	ul. Żwirki i Wigury 56a 43-190 Mikołów · Poland	gedore@gedore.pl www.gedore.pl
	Spain GEDORE Ibérica, S.L.	c/Arangutxi 12 · Pol. Ind. Jündiz 01015 Vitoria - Alava	gedore@gedore.es www.gedore.es
	Sweden Hydro Pascal AB	Flamtegelvägen 53 23839 Oxie	info@hydropascal.com www.hydropascal.com
	Switzerland Atico AG	Dammstraße 7 8112 Otelfingen	info@atico.ch www.atico.ch
	United Kingdom GEDORE Torque Ltd.	Tannery Lane, Gosden Common Bramley, Guildford, Surrey, GU5 0AJ	salesandrepairs@gedore-torque.com www.gedore-torque.com
	Ukraine GEDORE Polska Sp. z o.o.	ul. Żwirki i Wigury 56a 43-190 Mikołów · Poland	gedore@gedore.pl www.gedore.pl

Worldwide

	Australia J & B Sales pty Ltd	3A The Crossway Campbellfield - Melbourne 3061 Victoria	sales@jbttooltech.com.au
	Brazil Ferramentas GEDORE do Brasil S.A.	Rua Vincentina Maria Fidelis, 275 Sao Leopoldo-RS CEP 93025-340	sales@gedoretools.com www.gedore.com.br
	Chile Comercializadora Servi All Ltda.	Los Topacios No. 573 La Chimba · 124000 Antofagasta	ventas@serviall.cl www.serviall.cl
	China GEDORE Tool Trading (Shanghai) Co. Ltd.	1/f., Block 2, 1358 Pingan Road, Minhang Shanghai, China 201109	info@gedore.cn www.gedore.cn
	India GEDORE India Private Ltd.	148, Sector 3, IMT Manesar - 122051 Gurgaon, Haryana	info@gedore.in www.gedoreindia.com
	Russia GEDORE Tool Center OOO	2nd Likhachevsky Haus 7 G.1 125438 Moscow	sales@gedoretools.ru
	South Africa / Africa GEDORE Tools S. A. (PTY) Ltd.	103 Qashana Khuzwayo (Shepstone) Road New Germany 3620	general@gedoresa.co.za www.gedore.com.br
	South Korea Enertec Korea	#255,533 Beongil, Gonghang-ro Gangseo-Gu, 46714 Busan, Korea	enertec@enertekorea.co.kr www.enertekorea.co.kr
	Taiwan DEAMARK Ltd.	No. 6, Lane 5, Lin Sen N. Rd. 100 R.O.C Taipei	tomlee@deamark.com.tw www.deamark.com.tw
	USA GEDORE TOOLS, INC.	4055 Faber Place Drive Suite 214 North Charleston, SC 29418-3344	info@gedoretool.com www.gedoretools.com

NOTES

CAPTIONS

	Company, Services, More
	Cordless Torque Wrench
	Electric Torque Wrench
	Pneumatic Torque Wrench
	Hydraulic Solutions
	Manual Solutions
	Bolting Software
	Torque Testing Bench Technology
	Special Solutions
	Weight
	Square drive (internal)
	Square drive (external)
	Hexagonal socket drive (internal)
	Input torque
	Output torque
	Transmission ratio



GEDORE Torque Solutions GmbH
Bertha-Benz-Straße 12
71665 Vaihingen/Enz · GERMANY

T +49 (0) 7042 - 9441 - 0
F +49 (0) 7042 - 9441 - 41

torque-solutions@gedore.com
www.gedore-torque-solutions.com

Brands of the GEDORE Group
gedore.com · ochsenkopf.com